



November 16, 2022

-sent by email-

Mr. Cal Lemmenes
Care'n Cleaners, LLC
735 W. Main St
Waupun WI 53963

KEEP THIS LEGAL DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Case Closure with Continuing Obligations
Care'n Cleaners – 735 West Main Street, Waupun, WI
BRRTS Activity # 02-14-552053

Dear Mr. Lemmenes:

The Wisconsin Department of Natural Resources (DNR) is pleased to inform you that the “CAREN CLEANERS” case identified above met the requirements of Wisconsin Administrative (Wis. Admin.) Code chs. NR 700 to 799 for case closure with continuing obligations (COs). COs are legal requirements to address potential exposure to remaining contamination. No further investigation or remediation is required at this time for the reported hazardous substance discharge and/or environmental pollution.

However, you, future property owners and occupants of the property must comply with the COs as explained in this letter, which may include maintaining certain features and notifying the DNR and obtaining approval before taking specific actions. You must provide this letter and all enclosures to anyone who purchases, rents or leases this property from you. Some COs also apply to other properties or rights of way (ROWs) affected by the contamination as identified in the Continuing Obligation Summary section of this letter.

This case closure decision is issued under Wis. Admin. Code chs. NR 700 to 799 and is based on information received by the DNR to date. The DNR reviewed the case closure request for compliance with state laws and standards and determined the case closure request met the notification requirements of Wis. Admin. Code ch. NR 725, the response action goals of Wis. Admin. Code § NR 726.05(4), and the case closure criteria of Wis. Admin. Code §§ NR 726.05, 726.09 and 726.11, and Wis. Admin. Code ch. NR 140.

The Care'n Cleaners site was investigated for discharges of hazardous substances related to historical drycleaning operations that used tetrachloroethylene (PCE). Contamination by PCE and its breakdown products was found in soil, groundwater, and vapor over much of the site, and at neighboring properties. PCE use at the site has been discontinued.

Case closure is granted for PCE and its associated breakdown products, as documented in the case file. The site investigation and/or remedial action addressed soil, groundwater, and vapor. Mitigation included installation of a vapor mitigation system at the source property. The remedial action consisted of natural attenuation. Contamination remains in soil, groundwater, and vapor, as shown on the figures referenced below.

The case closure decision and COs required are based on the current use of the source property at 735 West Main Street for commercial purposes, and the affected properties (listed in the table below) for commercial purposes. The source property is currently zoned commercial, and the affected properties are currently zoned commercial. Based on the land use and zoning, the site, including both the source property and the affected properties, meets

the non-industrial land use classification under Wis. Admin. Code § NR 720.05(5) for application of residual contaminant levels in soil.

SUMMARY OF CONTINUING OBLIGATIONS

COs are applied at the following locations:

ADDRESS (CITY, WI)	COS APPLIED	DATE OF MAINTENANCE PLAN(S)
735 West Main Street, Waupun, WI (Source Property)	Residual Soil Contamination	<i>Not applicable</i>
	Structural Impediment	<i>Not applicable</i>
	Residual Groundwater Contamination	<i>Not applicable</i>
	Vapor Mitigation System	September 1, 2021
733 West Main Street, Waupun, WI	Residual Soil Contamination	<i>Not applicable</i>
	Residual Groundwater Contamination	<i>Not applicable</i>
11 Fox Lake Road, Waupun, WI	Residual Soil Contamination	<i>Not applicable</i>
	Residual Groundwater Contamination	<i>Not applicable</i>
Fox Lake Road, zero to 200 feet south of West Main Street, Waupun, WI	Residual Groundwater Contamination	<i>Not applicable</i>
West Main Street, zero to 200 feet east of Fox Lake Road, Waupun, WI	Residual Groundwater Contamination	<i>Not applicable</i>

CLOSURE CONDITIONS

Closure conditions are legally required conditions which include both COs and other requirements for case closure (Wis. Stat. § 292.12(2)). Under Wis. Stat. § 292.12(5), you, any subsequent property owners and occupants of the property must comply with the closure conditions as explained in this letter. The property owner must notify occupants for any condition specified in this letter under Wis. Admin. Code §§ NR 726.15(1)(b) and NR 727.05(2). If an occupant is responsible for maintenance of any closure condition specified in this letter, you and any subsequent property owner must include the condition in the lease agreement under Wis. Admin. Code § NR 727.05(3) and provide the maintenance plan to any occupant that is responsible.

DNR staff may conduct periodic pre-arranged inspections to ensure that the conditions included in this letter and the maintenance plan dated September 1, 2021, are met (Wis. Stat. § 292.11(8)). If these requirements are not followed, the DNR may take enforcement action under Wis. Stat. ch. 292 to ensure compliance with the closure conditions.

SOIL

Continuing Obligations to Address Soil Contamination

Residual Soil Contamination (Wis. Admin. Code chs. NR 718, NR 500 to 599, and § NR 726.15(2)(b) and Wis. Stat. ch. 289)

Soil contamination remains over much of the source property at beneath portions of the neighboring properties to the east and south as indicated on the enclosed map (Figure B.2.b., Residual Soil Contamination, 2021-07-13). If

soil in the location(s) shown on the map is excavated in the future, the property owner or right of way holder at the time of excavation must sample and analyze the excavated soil. If sampling confirms that contamination is present, the property owner or right of way holder at the time of excavation will need to determine if the material is considered solid waste and ensure that any storage, treatment or disposal complies with applicable standards and rules. Contaminated soil may be managed under Wis. Admin. Code ch. NR 718 with prior DNR approval.

In addition, all current and future property owners, occupants and right of way holders need to be aware that excavation of the contaminated soil may pose an inhalation and direct contact hazard; special precautions may be needed to prevent a threat to human health.

Structural Impediment (Wis. Stat. § 292.12(2)(b), Wis. Admin. Code §§ NR 726.15(2)(f), NR 727.07(2))
The remaining building on the source property as shown on the enclosed map (Figure B.2.b., Residual Soil Contamination, 2021-07-13) made complete site investigation and/or remediation of the contamination on this property impracticable. Upon removal of the structural impediment, the property owner shall evaluate the need to investigate the degree and extent of chlorinated solvent contamination obstructed by the structural impediment. If contamination is found at that time, the property owner shall remediate the contamination in accordance with Wis. Admin. Code chs. NR 700 to 799.

GROUNDWATER

Continuing Obligations to Address Groundwater Contamination and/or Monitoring Wells

Residual Groundwater Contamination (Wis. Admin. Code ch. NR 140 and § NR 812.09(4)(w))
Groundwater contamination which equals or exceeds the enforcement standards for PCE and its breakdown product is present at the source property and on adjacent parcels and rights-of-ways, as shown on the enclosed map (Figure B.3.b., Groundwater Isoconcentration, 2021-07-12). To construct a new well or reconstruct an existing well, the property owner must obtain prior DNR approval. Additional casing may be necessary to prevent contamination of the well.

VAPOR

Continuing Obligations to Address Vapor Contamination

Vapor intrusion (VI) is the movement of vapors coming from volatile chemicals in the soil or groundwater or within preferential pathways into buildings where people may breathe air contaminated by the vapors.

VI - Vapor Mitigation Systems: (Wis. Stat. § 292.12(2), Wis. Admin. Code § NR 726.15(2)(h), (i), (j) or (m))
Vapor mitigation systems, which may include vapor barriers, are used to interrupt the vapor pathway, thereby reducing or preventing vapors from moving into the building. Soil vapor beneath the source property building contains PCE and its breakdown products at levels that would pose a risk to human health, if allowed to migrate into an occupied building on the property. See the enclosed map (Figure B.4.a., Vapor Intrusion Map, 2021-07-13).

The vapor mitigation system includes three sub-slab pick-up points and two fans, which are installed along the east side and northeast corner of the building. The property owner shall maintain, operate and inspect the vapor mitigation system, installed on October 2, 2019, in accordance with the enclosed maintenance plan, dated September 1, 2021. System components must be repaired or replaced immediately upon discovery of a malfunction. The property owner shall document inspections on the VMS inspection log (Form 4400-321). See the Other Closure Requirements section of this letter for more details.

VI - Future Concern: (Wis. Stat. § 292.12(2), Wis. Admin. Code § NR 726.15(2)(L) or (m), as applicable. PCE and its breakdown products remain in soil, groundwater, and soil vapor at the source property, as shown on the enclosed map, (Figure B.4.a., Vapor Intrusion Map, 2021-07-13), at concentrations that may be of concern for vapor intrusion in the future, if a building is constructed, renovated or expanded in an area where no building currently exists or if an existing building is remodeled. The current building on the source property occupies most of the property and is used for non-PCE related cleaning operations.

Vapor control technologies are required for new construction or for modification of occupied buildings on the property unless the property owner assesses the vapor pathway and the DNR agrees that vapor control technologies are not needed. The property owner shall maintain the current building use and layout.

See the Other Closure Requirements section for more details.

OTHER CLOSURE REQUIREMENTS

Maintenance Plan and Inspection Log (Wis. Admin. Code §§ NR 726.11(2), NR 726.15(1)(d), NR 727.05(1)(b)3., Wis. Admin. Code § NR 716.14(2) for monitoring wells)

The property owner is required to comply with the enclosed maintenance plan dated September 1, 2021, for the vapor mitigation system, to conduct inspections annually, and to use the inspection log (DNR Form 4400-305 or Form 4400-321 VMS Inspection Log) to document the required inspections. The maintenance plan and inspection log are to be kept up-to-date and on-site. The property owner shall submit the inspection log to the DNR only upon request, using the RR Program Submittal Portal. See the DNR Notification and Approval Requirements section below for more information on how to access the Submittal Portal.

Pre-Approval Required for Well Construction (Wis. Admin. Code § NR 812.09(4)(w))

DNR approval is required before well construction or reconstruction for all sites identified as having residual contamination and/or COs. This requirement applies to private drinking water wells and high capacity wells. To obtain approval, the property owner is required to complete and submit Form 3300-254, Continuing Obligations/Residual Contamination Well Approval Application, to the DNR Drinking and Groundwater program's regional water supply specialist. A well driller can help complete this form. The form can be obtained online at dnr.wi.gov, search "3300-254." Additional casing may be necessary to help prevent contamination of the well.

General Wastewater Permits for Construction-related Dewatering Activities (Wis. Admin. Code ch. NR 200)

The DNR's Water Quality Program regulates point source discharges of contaminated water, including discharges to surface waters, storm sewers, pits, or to the ground surface. This includes discharges from construction-related dewatering activities, including utility work and building construction.

If the property owner or any other person plans to conduct such activities, that person must contact the Water Quality Program and, if necessary, apply for the required discharge permit. If residual soil or groundwater contamination is likely to affect water collected in a pit/trench that requires dewatering, a general permit for discharge of *Contaminated Groundwater from Remedial Action Operations* may be needed. If water collecting in a pit/trench that requires dewatering is expected to be free of pollutants other than suspended solids, oil and grease, a general permit for pit/trench *Dewatering Operations* may be needed. Additional information can be obtained by visiting the DNR website at "dnr.wi.gov," search "wastewater general permits."

DNR NOTIFICATION AND APPROVAL REQUIREMENTS

Certain activities are limited at closed sites to maintain protectiveness to human health and the environment. The property owner is required to notify the DNR at least 45 days before and obtain approval from the DNR prior to taking the following actions (Wis. Admin. Code §§ NR 727.07, NR 726.15 (2), Wis. Stat. § 292.12(6)).

- Before removing a structural impediment
- Before deciding to no longer use the vapor mitigation system, to shut off the fan or disrupt or abandon the vapor mitigation system, or before making any change to the vapor mitigation system or to a vapor barrier
- Before changing the use or occupancy to a different commercial or industrial use or to a residential exposure setting

The DNR may require additional investigation and/or cleanup actions if necessary, to be protective of human health and the environment. The case may be reopened under Wis. Admin. Code § NR 727.13 if additional information indicates that contamination on or from the site poses a threat, or for a lack of compliance with a CO or closure requirement. Compliance with the maintenance plan is considered when evaluating the reopening criteria.

SUBMITTALS AND CONTACT INFORMATION

Site, case-related information and DNR contacts can be found online in the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW); go to dnr.wi.gov and search “BOTW.” Use the BRRTS ID # found at the top of this letter. The site can also be found on the map view, Remediation and Redevelopment Sites Map (RRSM) by searching “RRSM.”

Send written notifications to the DNR using the RR Program Submittal Portal at dnr.wi.gov, search “RR submittal portal” (<https://dnr.wi.gov/topic/Brownfields/Submittal.html>). Questions on using this portal can be directed to the project manager below or to the environmental program associate (EPA) for the regional DNR office. Visit dnr.wi.gov, search “RR contacts” and select the EPA tab (<https://dnr.wi.gov/topic/Brownfields/Contact.html>).

CLOSING

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact DNR project manager Jeff Ackerman at jeffrey.ackerman@wisconsin.gov or at 608-219-2302.

Sincerely,



Issac A. Ross
South Central Region Team Supervisor
Remediation & Redevelopment Program
Fitchburg DNR Service Center – Fitchburg, WI

Attachments:

Figure B.2.b., Residual Soil Contamination, 2021-07-13
Figure B.3.b., Groundwater Isoconcentration, 2021-07-12

BRRTS #: 02-14-552053

November 16, 2022

Figure B.4.a., Vapor Intrusion Map, 2021-07-13

Vapor Mitigation System Maintenance Plan, September 1, 2021

cc.

Chris Hatfield, Stantec

Kathy Schlieve, Waupun City Administrator

Stanley Haima, 11 Fox Lake Road owner

Jared Homan, 733 West Main Street owner

Additional Resources:

The DNR fact sheets listed below can be obtained by visiting the DNR website at “dnr.wi.gov,” search the DNR publication number.

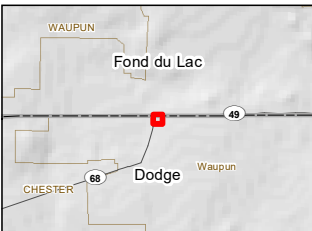
Guidance for Electronic Submittals for the Remediation and Redevelopment Program (RR-690)

Continuing Obligations for Environmental Protection (RR-819)

Environmental Contamination and Your Real Estate (RR-973)

Post-Closure Modifications: Changes to Property Conditions after a State-Approved Cleanup (RR-987)

Using Natural Attenuation to Clean Up Contaminated Groundwater: What Landowners Should Know (RR-671)



- Notes**
1. Coordinate System: NAD 1983 HARN WISCONSIN Dodge County Feet
 2. Data Sources include: Stantec, Care'N Cleaners, NADS
 3. Orthophotography: ESRI

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.

Legend

- Approximate Site Boundary
- Parcel Boundary
- Borehole Location
- Soil Borehole / Monitoring Well Location
- AST - PCE - Removed 1980s
- Drycleaning Machine Area
- Former Gas UST Area
- General extent of soil contamination exceeding the NR 720 Groundwater Protection RCL (0-4 fbg)

AST: Aboveground Storage Tank
 UST - Underground Storage Tank
 PCE - Tetrachloroethene
 RCL - Residual Contaminant Level
 fbg - feet below grade

Figure No.

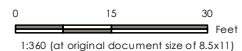
B.2.b.

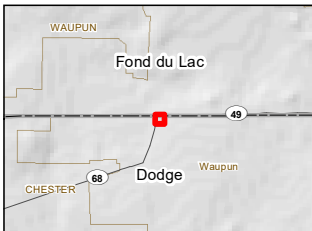
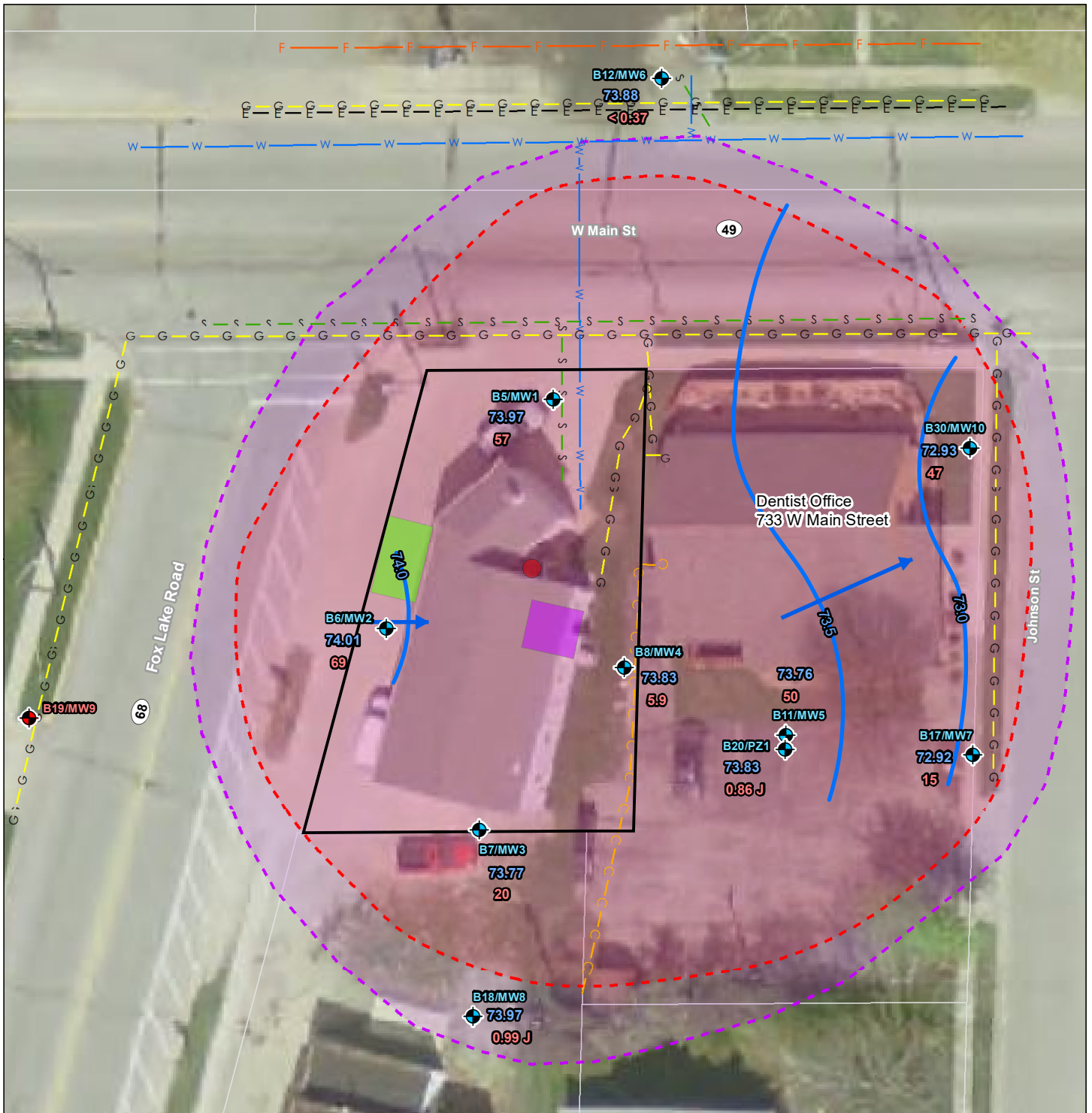
Title

Residual Soil Contamination

Client/Project
 Care'N Cleaners
 735 West Main Street
 Waupun, Wisconsin

Project Location 193702865
 T14N, R15E, S31 Prepared by RA on 2021-07-12
 C. of Waupun, Updated by JS on 2021-07-13
 Dodge Co., WI Independent Review by XX on 2021-XX-XX





Legend

- Approximate Site Boundary
- Parcel Boundary
- Abandoned Monitoring Well
- Soil Borehole / Monitoring Well Location and Identification
- Groundwater Contour Line measured on January 12, 2021
- Groundwater Flow Direction
- E Electric
- F Fiber Optic Line
- G Buried Gas Line
- S Sanitary Sewer
- C Buried Communication Line
- W Water Line
- AST - PCE - Removed 1980s
- Former PCE Drycleaning Machine Area
- Former Gas UST Area
- General extent of groundwater contamination exceeding the NR 140 ES (dashed where inferred)
- General extent of groundwater contamination exceeding the NR 140 PAL (dashed where inferred)
- 73.77 Groundwater Elevation (ft)
- PCE Concentration in Groundwater (ug/L) - January 2021

Notes
 1. Coordinate System: NAD 1983 HARN WISCRS Dodge County Feet
 2. Data Sources Include: Stantec, Care'N Cleaners, NADS
 3. Orthophotography: ESRI

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AST - Aboveground Storage Tank
 UST - Underground Storage Tank
 PCE - Tetrachloroethene
 ES - Environmental Standard
 PAL - Preventive Action Limit
 ug/l - Micrograms per Liter

Figure No. **B.3.b.**
Groundwater Isoconcentration

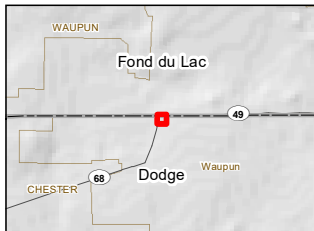
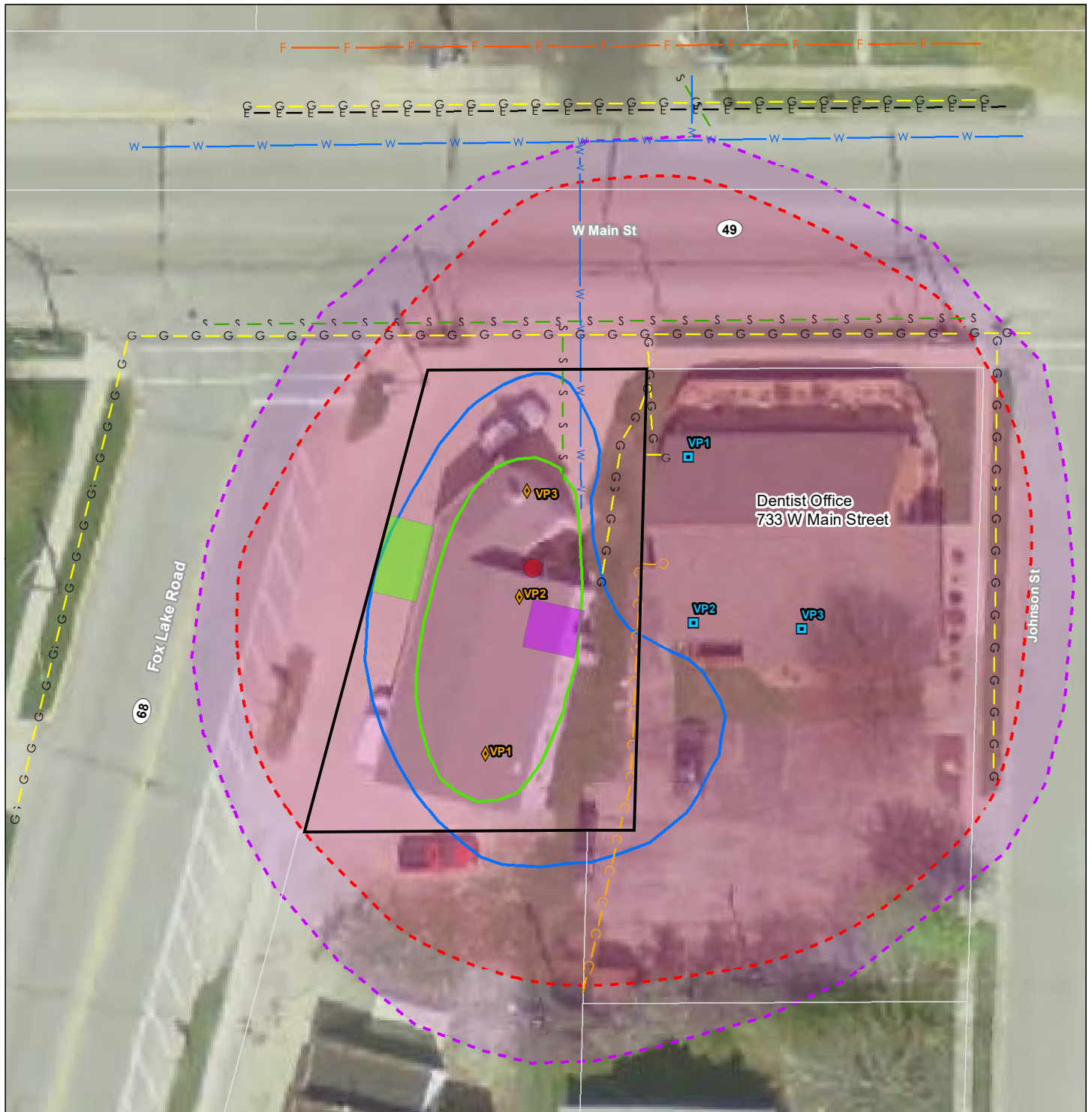
Title

Client/Project
 Care'N Cleaners
 735 West Main Street
 Waupun, Wisconsin

Project Location 193702865
 T14N, R15E, S31 Prepared by RA on 2021-07-12
 C. of Waupun, Updated by JS on 2021-07-12
 Dodge Co., WI Independent Review by XX on 2021-XX-XX

0 15 30 Feet
 1:360 (at original document size of 8.5x11)





Notes
 1. Coordinate System: NAD 1983 HARN WISCONSIN Dodge County Feet
 2. Data Sources Include: Stantec, Care'N Cleaners, NADS
 3. Orthophotography: ESRI

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Legend

- Approximate Site Boundary
- Parcel Boundary
- ◆ Vapor Point inside 735 West Main Street
- Vapor Point inside 733 West Main Street
- E Electric
- F Fiber Optic Line
- G Buried Gas Line
- S Sanitary Sewer
- W Water Line

AST - Aboveground Storage Tank
 UST - Underground Storage Tank
 PCE - Tetrachloroethene
 RCL - Residual Contaminant Level
 fbg - feet below grade
 PAL - Preventive Action Limit
 ES - Enforcement Standard

- AST - PCE - Removed 1980s
- Drycleaning Machine Area
- Former Gas UST Area
- General extent of soil contamination exceeding the NR 720 Groundwater Protection RCL (0-4 fbg)
- General extent of PCE in sub-slab air at concentrations exceeding the small commercial target sub-slab air standard
- General extent of groundwater contamination exceeding the NR 140 ES (dashed where inferred)
- General extent of groundwater contamination exceeding the NR 140 PAL (dashed where inferred)

Figure No.

B.4.a.

Title

Vapor Intrusion Map

Client/Project
 Care'N Cleaners
 735 West Main Street
 Waupun, Wisconsin

Project Location 193702865
 T14N, R15E, S31 Prepared by RA on 2021-07-12
 C. of Waupun, Updated by JS on 2021-07-13
 Dodge Co., WI Independent Review by XX on 2021-XX-XX



**VAPOR MITIGATION SYSTEM MAINTENANCE PLAN
CARE'N CLEANERS
WAUPUN, WI**

**735 West Main Street
Waupun, WI 53963
BRRTS No. 02-14-552053, FID No. 420007390**

Prepared for:
Care'n Cleaners LLC
735 West Main Street
Waupun, WI 53963

Prepared by:
Stantec Consulting Services Inc.
12075 Corporate Parkway, Suite 200
Mequon, Wisconsin 53092



Project No.: 193702685

September 1, 2021

**VAPOR MITIGATION SYSTEM MAINTENANCE PLAN
CARE'N CLEANERS
WAUPUN, WI**

September 1, 2021

1.0 General Information

1. Project Title and Purpose	
	Care'n Cleaners Site
2. Key Property Contact Information	
Property Owner:	Calvin and Karen Lemmenes Care'n Cleaners LLC 735 West Main Street Waupun, WI 53963 Contact: Calvin Lemmenes Email: cklemmenes@gmail.com Phone: 920-904-3593
Responsible Party:	Care'n Cleaners LLC 735 West Main Street Waupun, WI 53963 Contact: Calvin Lemmenes Email: cklemmenes@gmail.com Phone: 920-904-3593
3. Consultant Information	
Environmental Consultant:	Stantec Consulting Services Inc. 12075 Corporate Parkway, Suite 200, Mequon, WI 53092 Contact: Chris Hatfield, P.G., Senior Geologist Email: chris.hatfield@stantec.com Phone: (414) 687-3640
4. Property Information	
Property Name:	Care'n Cleaners
Address:	735 West Main Street, Waupun, WI 53963
Location:	NW 1/4 of the NE 1/4 of Section 6, Township 13 North, Range 15 East, Dodge County, Wisconsin
Legal Description:	LOT 1 CSM 4459 IN V28 P139 BEING PT LOT 1 JOHNSON'S ADD (SUBJ TO HWY EASEMENT IN DOC# 1218403)
5. Regulatory Information	
BRRTS Case Number	02-14-552053
FID Number	420007390
WDNR Contact:	Jeffrey Ackerman, jeffrey.ackerman@wisconsin.gov

BRRTS = Bureau of Remediation and Redevelopment Tracking System; WDNR = Wisconsin Department of Natural Resources; FID = Facility Identification Number

2.0 Introduction

This document is the maintenance plan for a sub-slab depressurization system installed at the above-referenced property (the Site) in accordance with the requirements of Wisconsin Administrative Code (WAC)

**VAPOR MITIGATION SYSTEM MAINTENANCE PLAN
CARE'N CLEANERS
WAUPUN, WI**

September 1, 2021

s. NR 724.13 (2). The maintenance activities relate to the existing vapor mitigation system installed within the Care'n Cleaners Site building.

More site-specific information about this property may be found in:

- The case file in the WDNR Southcentral regional office
- BRRTS on the Web (WDNR's internet based data base of contaminated sites): <https://dnr.wi.gov/botw/SetUpBasicSearchForm.do>
- GIS Registry PDF file for further information on the nature and extent of contamination: <https://dnrmaps.wi.gov/H5/?viewer=rssites>; and
- The WDNR project manager for Dodge County.

3.0 Description of Contamination

Soil vapor containing chlorinated-volatile organic compounds (CVOCs) attributed to dry cleaner operations is present at the Site underneath the Care'n Cleaners building. The residual CVOC concentrations in soil vapor exceed the Sub-Slab Vapor Risk Screening Levels (VRSL) for small commercial properties. The extent of sub-slab soil vapor contamination is illustrated on attachment B.4.a. of this submittal. In October 2019, Lifetime Radon Solutions Inc. installed a sub-slab depressurization system to mitigate the vapor intrusion risk posed by the presence of the CVOC-impacted soil vapor beneath the building slab.

4.0 Description and Purpose of the Vapor Mitigation System

The sub-slab depressurization system was designed to create a negative pressure beneath the floor slabs of the Care'n Cleaners building. The building had three separate foundations which all required depressurization. Due to varying sub-slab materials, two separate mitigation systems were installed. Each system was equipped with an AMG Eagle Extreme ventilation fan with the capacity to create a vacuum of 5.5 inches of water vacuum pressure while at little resistance still capable of over 300 cubic feet per minute (cfm). The rooftop exhaust vents are located at least 20 feet from the roof-mounted HVAC equipment. Upon completion, system fans were activated and allowed to run for an appropriate amount of time before Pressure Field Extension Testing (PFET) was conducted. PFET testing was conducted to ensure that the entire footprint of the Site building was being mitigated. Several pressure points on each slab on grade were tested with the locations being chosen based on distance from the system collection points, square footage of slab distance from one another, and location of carpeting and machinery. Upon successful PFET testing, the sub-slab vapor mitigation system was determined to be active and in proper working condition.

The sub-slab depressurization system consists of two roof-mounted ventilation fans, three collection points within the building slabs, and connective piping. The collection points are located within the extent of the identified soil vapor contamination plume. The collection points penetrate the building's floor slabs and terminate within the underlying base course material. The fans create a negative pressure beneath the floor slabs to reduce the potential for sub-slab vapors to infiltrate the building. Vapors extracted by the system are vented to the atmosphere through stacks located on the roof of the existing building.

5.0 Annual Inspection

The sub-slab depressurization system will be inspected once a year. Inspections will be performed in the late fall or early winter when the HVAC system is switched between heating to cooling operations. The inspection will be performed by the property owner or their designated representative. The inspections will be performed to evaluate the induced negative pressure from the mitigation system. Specifically, the vacuum at the drop point on the manometer should be checked. The exterior venting system should be checked for damage due exposure to the weather, increasing age and other factors. A log of the inspections and any repairs will be maintained by the property owner. The log will include recommendations for necessary repairs made during annual inspections. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be kept at the address of the property owner and made available for submittal or inspection by the WDNR representatives upon their request. The inspection log to be maintained is provided as attachment D.4. of this submittal.

September 1, 2021

6.0 System Maintenance Activities

The sub-slab depressurization system requires minimal maintenance. The system's thermal overload protection is equipped with an automatic reset, and the system has a design life cycle of 15 years. If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practicable. Repairs can include normal maintenance of the collection point floor seals, piping, or replacement of the ventilation fan units. If replacement of the ventilation fans is required, the replacement unit must be able to provide similar air flow rates as the existing unit (~300 cfm at 5.5-inch water vacuum). Any replacement system equipment will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by WDNR or its successor. The property owner, in order to maintain the integrity of the sub-slab depressurization system, will maintain a copy of this Maintenance Plan on-site and make it available to all interested parties (i.e. on-site employees, contractors, future property owners, etc.) for viewing.

7.0 Amendment or Withdrawal of Vapor Mitigation System Maintenance Plan

This Vapor Mitigation System Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of WDNR.

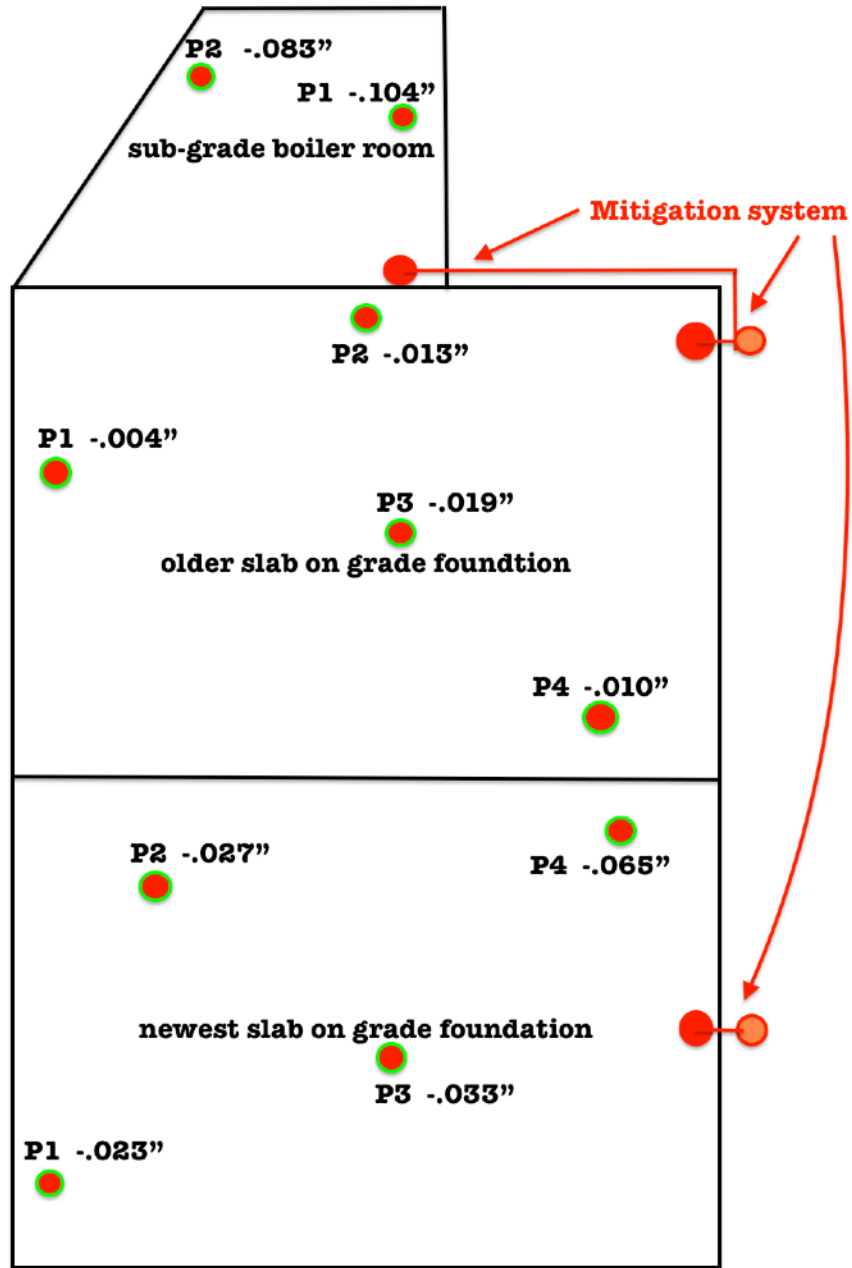
8.0 Contact Information

September 2021

Property Owner:	Calvin and Karen Lemmenes Care'n Cleaners LLC 735 West Main Street Waupun, WI 53963 Contact: Calvin Lemmenes Email: cklemmenes@gmail.com Phone: 920-904-3593
Operator:	Care'n Cleaners LLC 735 West Main Street Waupun, WI 53963 Contact: Calvin Lemmenes Email: cklemmenes@gmail.com Phone: 920-904-3593
Consultant:	Stantec 12075 Corporate Parkway Suite 200 Mequon WI 53092-2649 (414) 687-3640
WDNR:	Jeffrey Ackerman 3911 Fish Hatchery Rd Fitchburg, WI 53711-5367 (608) 219-2302

D.2 Location Map


Provided below is a location map detailing the location and extent of the vapor mitigation installed in the basement of the Site building.




WHY RISK IT?

LIFETIMERADON.COM | 262.955.5701
824 WELLS STREET, DELAFIELD WI 53018

Client:	Care'n Cleaners LLC	Project:	193702865
Site Name:	Care'n Cleaners	Site Location:	735 West Main Street, Waupun, WI 53963

Photograph ID: 1	
Photograph ID: : 1	
Survey Date: 10/3/2019	
Comments: Typical Sub-slab Depressurization Point	

Photograph ID: 2	
Photograph ID: : 2	
Survey Date: 10/3/2019	
Comments: Mitigation System Air Discharge Piping	

Client:	Care'n Cleaners LLC	Project:	193702865
Site Name:	Care'n Cleaners	Site Location:	735 West Main Street, Waupun, WI 53963

Photograph ID: 3
Photograph ID: : 3
Survey Date: 10/3/2019
Comments: Mitigation System Air Discharge Piping



Notice: In accordance with s. NR 727.05 (1) (b) 3., Wis. Adm. Code, use of this form for documenting the inspections and maintenance of certain vapor-related continuing obligations is required. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Public Records law [ss. 19.31-19.39, Wis. Stats.].

Directions: This form was developed to provide the results of a site inspection of a vapor related continuing obligation, typically a vapor mitigation system. See the closure approval letter for this site for requirements regarding the submittal of this form to the Department of Natural Resources. A copy of this inspection log is required to be maintained either on the property, or at a location specified in the closure approval letter. The closure letter may be found in the database, [BRRTS on the Web](#), by searching for the site using the BRRTS ID number, and then looking in the "Action" section, for code 56.

Activity (Site) Name: Care'n Cleaners

BRRTS No. 02-14-552053

Date of Inspection: _____

When submittal of this form is required, submit an electronic version or a scanned copy of this completed form to the [RR Submittal Portal](#).

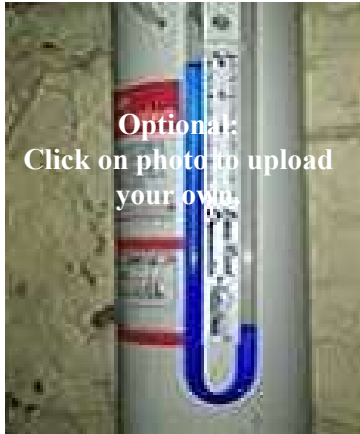
HOW TO USE THIS FORM

The Activity (Site) Name, BRRTS No. and Date of Inspection entered below will auto-populate the table. Complete only the applicable rows/components. Check "Not Applicable" for components that do not apply. For example, if there is no sump sealed and vented as part of the system, check "Not Applicable" in the "NOTES" section for that component.

Multiple components: For systems with multiple components (e.g., two manometers or two fans), add an additional row for that component by clicking the "+" (plus) symbol at the end of the row. After a system component row is added, a "-" (minus) symbol is shown so the added row may be deleted.

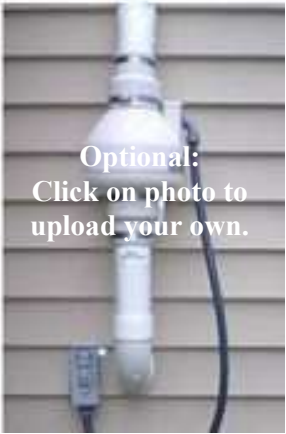
Photos: Click on the placeholder photo shown in each row to replace it with your own site-specific photo. Site-specific photos are optional but strongly recommended. Enter specific details and observations within the "NOTES" section to assist the DNR in understanding status of the system components.

SYSTEM COMPONENT	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	DATE:
NAME				WHAT TO FIX?
Manometer or Differential Pressure Gauge	Measures differential pressure between vacuum side of vent pipe and indoor space. This measurement confirms there is a vacuum being pulled by the fan.	Liquid Level on Manometer or Gauge	Liquid level in manometer should be offset (not level with each other).	A change in liquid level indicates a change in the vacuum below foundation. This could be caused by failure of fan, blockage of vent pipe, change in water level below building, or other conditions. Hire a professional to identify cause and repair if needed.

<p>PHOTO</p> 	<p>NOTES: (Record the reading on the gauge. Identify specific building and location description:)</p> <p><input type="checkbox"/> Not Applicable</p>
	Empty space for notes

SYSTEM COMPONENT		WHAT DO I CHECK?	WHAT SHOULD I SEE?	DATE:
NAME	WHAT DOES IT DO?			WHAT TO FIX?
Fan	<p>Fan creates a vacuum and lowers pressure below foundation.</p> <p>The fan also removes soil gases from below foundation for discharge to atmosphere.</p>	<p>Fan Operation</p> <p>Fan Location</p> <p>Motor Noise</p>	<p>Fan is on.</p> <p>Fan mounted outside & secure.</p> <p>Fan motor is quiet (loud motor may indicate problem).</p>	<p>Replace the fan immediately once the fan stops running. Fans typically run for 10-20 years, but it may be less.</p> <p>Replacement fan to have similar specifications as original with respect to flow and vacuum.</p> <p>After a fan is replaced, the system should be evaluated by a mitigation professional to verify effectiveness, which includes pressure readings.</p> <p>AMG Extreme Eagle[Insert Fan Spec and Name]</p>

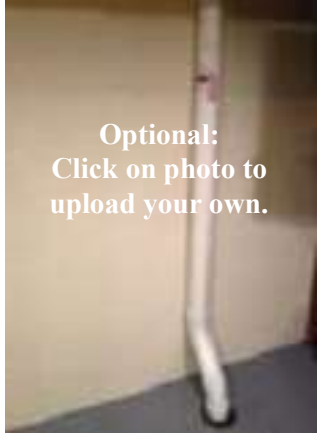
PHOTO

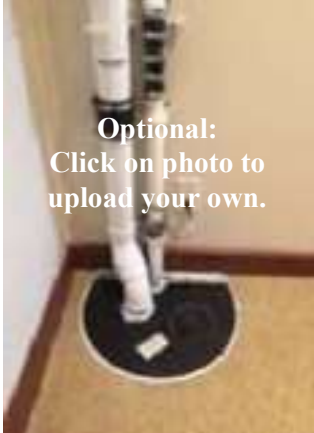


Optional:
Click on photo to
upload your own.

NOTES: (Identify specific building and location description:)

Not Applicable

SYSTEM COMPONENT				DATE:
NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	WHAT TO FIX?
<p>Suction Drop Point w/ Vent Pipe</p>	<p>Suction Point : Soil gases are collected in a void space below the foundation, and tight seal prevents soil gas from getting inside the home. Vent Pipe: Pipe conveys the vacuum from the fan, and collects soil gases for discharge to the atmosphere.</p>	<p>Suction Point Seal Vent Pipe Condition</p>	<p>Seal is air tight around pipe penetration. Vent pipe is connected to fan, has not cracked.</p>	<p>Suction point seal or vent pipe may need to be sealed or replaced if cracks or leaks appear. If any piping or sealing of the system is altered or replaced, the system should be evaluated by a mitigation professional to verify effectiveness, which includes pressure readings.</p>
<p>PHOTO</p>  <p>Optional: Click on photo to upload your own.</p>			<p>NOTES: (Identify specific building and location description:)</p> <p><input type="checkbox"/> Not Applicable</p>	

SYSTEM COMPONENT				DATE:
NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	WHAT TO FIX?
Sealed Sump w/Vent Pipe	Sump Cover: Soil gases are collected in sump and the cover prevents soil gas from getting inside home. Vent Pipe: Pipe transports the soil gas from the sump for discharge to the atmosphere.	Suction Point Seal Vent Pipe Seal Condition	Seal is airtight to floor. Vent pipe is connected to the sump cover and is not cracked.	Sump cover or vent pipe may need to be sealed or replaced if cracks or leaks appear. If any piping or sealing of the system is altered or replaced, the system should be evaluated by a plumber or a mitigation professional to verify effectiveness, which includes pressure readings.
PHOTO  <p style="text-align: center;">Optional: Click on photo to upload your own.</p>			NOTES: (Identify specific building and location description:) <input type="checkbox"/> Not Applicable	

SYSTEM COMPONENT	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	DATE:
NAME				WHAT TO FIX?
Outdoor Vent Pipe	Pipe transports the soil gas from beneath the foundation for discharge to the atmosphere.	Vent Pipe Condition Vent Pipe Location	Vent pipe remains connected to fan. End of pipe free from obstructions. The exhaust is more than 15 feet from windows or air intakes.	Vent pipe may require replacement, or cleaning to remove ice or debris. If any piping or sealing of the system is altered or replaced, the system should be evaluated by a mitigation professional to verify effectiveness, which includes pressure readings.


PHOTO




Optional:
Click on photo to upload your own.

NOTES: (Identify specific building and location description:)

Not Applicable

SYSTEM COMPONENT				DATE:
NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	WHAT TO FIX?
Foundation Floor	Foundation is a barrier that minimizes soil gas entry into building, and helps fan to work efficiently.	Foundation Condition Foundation Footprint	No penetrating cracks or holes in foundation. Check if there have been alterations or additions to building or footprint.	Seal cracks or other penetrations as you would to prevent water from entering. If building floor plan has changed, notify DNR and contact a mitigation professional to evaluate if modifications to the vapor mitigation system are necessary.
PHOTO  <p>Optional: Click on photo to upload your own.</p>			NOTES: (Identify specific building and location description:) <input type="checkbox"/> Not Applicable	

SYSTEM COMPONENT		DATE:		
NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	WHAT TO FIX?
Sub Slab Vapor Port	This is a sample port to measure vacuum or take sample of soil gas if needed. It needs to remain sealed when not in use to prevent soil gas entry into the home.	Port Seal/Cap	If able to measure the vacuum with a micromanometer, the pressure differential should be at least 0.004 inches of H ₂ O or at least one Pascal.	Repair or replace the seal and cover as needed.
		Port Condition	Port is sealed and capped when not in use.	Permanently seal hole if sample port is ever removed.
PHOTO			NOTES: (If taken, record the pressure differential reading. Identify specific building and location description:) <input type="checkbox"/> Not Applicable	
 <p>Optional: Click on photo to upload your own.</p>				



November 16, 2022

Stanley Haima
11 Fox Lake Rd
Waupun, WI 53963

KEEP THIS LEGAL DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Continuing Obligations and Property Owner Requirements for 11 Fox Lake Road
Parcel Identification Number: 29213150611040
Final Case Closure for CAREN CLEANERS 735 West Main Street, Waupun, Wisconsin
BRRTS #: 02-14-552053

Dear Mr. Haima:

The purpose of this letter is to notify you that you are responsible for certain continuing obligations applied to your property at 11 Fox Lake Road, Waupun, Wisconsin, parcel ID number 29213150611040 (Property) due to contamination remaining on the Property. The continuing obligations are part of the cleanup and case closure approved by the Wisconsin Department of Natural Resources (DNR) for the CAREN CLEANERS site, located at 735 West Main Street, Waupun, Wisconsin (Site). The Site is referenced by the location of the source of contamination, i.e., the property where the original hazardous substance discharge or environmental pollution occurred, prior to contamination migrating to the Property. The continuing obligations that apply to the Property are included in this letter and are stated as conditions in the closure approval letter and are consistent with Wisconsin Statute (Wis. Stat.) § 292.12 and Wisconsin Administrative Code (Wis. Admin. Code) chs. NR 700-799. Continuing obligations are intended to limit exposure to remaining environmental contamination at the Property. These continuing obligations will also apply to future owners of the Property, until the conditions no longer exist.

It is common for properties to have continuing obligations as part of case closure approvals when contamination remains in the environment for a specific reason. Information on the continuing obligations associated with this Site, including the case closure approval letter, is available in the DNR's Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW) at dnr.wi.gov, search "BOTW." Enter 02-14-552053 in the **Activity Number** field and then click **Search**. Scroll down and click on the **CO Packet** link for information about the completion of the environmental work. The Site may also be seen on the map viewer, RR Sites Map. RR Sites Map can be found online at dnr.wi.gov, search "RRSM."

The DNR reviewed and approved the case closure request regarding the drycleaning related contaminant, tetrachloroethylene, and its breakdown products in soil, groundwater, and soil vapor at this Site, based on information submitted by Stantec. As required by state law, you received notification about the requested case closure from the person conducting the cleanup on October 6, 2021. No further investigation or cleanup is required at this time. However, the case closure decision is conditioned upon long-term compliance with the continuing obligations at the Property.

Continuing Obligations Applicable to the Property

Continuing obligations associated with the Site are described in the attached case closure letter to Care'n Cleaners, LLC dated November 16, 2022. However, only the following continuing obligations apply to the Property.

- Residual Soil Contamination Management
- Groundwater Contamination Above Enforcement Standards

Pre-Approval is Required for Well Construction (Wis. Admin. Code § NR 812.09 (4) (w))

DNR approval is required before well construction or reconstruction for all sites identified as having residual contamination and/or continuing obligations. This requirement applies to private drinking water wells and high capacity wells. To obtain approval, the property owner is required to complete and submit Form 3300-254, "Continuing Obligations/Residual Contamination Well Approval Application," to the DNR Drinking and Groundwater program's regional water supply specialist. A well driller can help complete this form. The form can be obtained online at dnr.wi.gov, search "3300-254." Additional casing may be necessary to help prevent contamination of the well.

Property Owner Responsibilities (Wis. Stat. § 292.12 & § 709.02, Wis. Admin. Code § NR 727.05)

The Property owner (you and any subsequent Property owner) is responsible for compliance with the continuing obligations in this letter, pursuant to Wis. Stat. § 292.12. You are required to notify anyone who purchases the Property from you of the responsibility to comply with the continuing obligations in this letter, in accordance with Wis. Admin. Code § NR 727.05 (2). For residential property transactions, you are required to make disclosures under Wis. Stat. § 709.02.

If you lease or rent the Property to an occupant who will be responsible for maintaining a continuing obligation, you must include that responsibility in a lease agreement, in accordance with Wis. Admin. Code § NR 727.05 (3).

Please be aware that failure to comply with the continuing obligations may result in enforcement action by the DNR. The DNR intends to conduct periodic inspections to ensure that the conditions included in this letter, including compliance with referenced maintenance plans, are met.

The DNR fact sheet, RR-819, "Continuing Obligations for Environmental Protection" explains a property owner's responsibility for continuing obligations on their property. This fact sheet should have been sent to you when you received a notification letter before the case closure request was submitted to the DNR. You may obtain a copy at dnr.wi.gov by searching "RR-819."

Under Wis. Stat. § 292.13 owners of properties affected by contamination from another property are generally exempt from investigating or cleaning up a hazardous substance discharge that migrated onto a property from another property. However, the exemption under Wis. Stat. § 292.13 does not exempt the property owner from the responsibility to maintain a continuing obligation placed on the property in accordance with Wis. Stat. § 292.12. To maintain this exemption, that statute requires the current property owner and any subsequent property owners to meet the conditions in the statute, including:

- Granting reasonable access to the DNR, responsible party, or their contractors;
- Avoiding interference with response actions taken; and
- Avoiding actions that make the contamination worse (e.g., demolishing a structure and causing or worsening the discharges to the environment).

The DNR appreciates your cooperation to restore the environment at this site. If you have any questions regarding this closure decision or anything stated in this letter, please contact the DNR Project Manager, Jeff Ackerman, at jeffrey.ackerman@wisconsin.gov or at 608-219-2302.

Sincerely,



Issac A. Ross
South Central Region Team Supervisor
Remediation & Redevelopment Program
Fitchburg DNR Service Center – Fitchburg, WI

Attach.

November 16, 2022 DNR closure letter sent to Care'n Cleaners, LLC

cc: Cal Lemmenes, Care'n Cleaners
Chris Hatfield, Stantec



November 16, 2022

Homan Real Estate LLC
Jared Homan
733 West Main St.
Waupun, WI 53963

KEEP THIS LEGAL DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Continuing Obligations and Property Owner Requirements for 733 West Main Street
Parcel Identification Number: 29213150611039
Final Case Closure for CAREN CLEANERS 735 West Main Street, Waupun, Wisconsin
BRRTS #: 02-14-552053

Dear Mr. Homan:

The purpose of this letter is to notify you that you are responsible for certain continuing obligations applied to your property at 733 West Main Street, Waupun, Wisconsin, parcel ID number 29213150611039 (Property) due to contamination remaining on the Property. The continuing obligations are part of the cleanup and case closure approved by the Wisconsin Department of Natural Resources (DNR) for the CAREN CLEANERS site, located at 735 West Main Street, Waupun, Wisconsin (Site). The Site is referenced by the location of the source of contamination, i.e., the property where the original hazardous substance discharge or environmental pollution occurred, prior to contamination migrating to the Property. The continuing obligations that apply to the Property are included in this letter and are stated as conditions in the closure approval letter and are consistent with Wisconsin Statute (Wis. Stat.) § 292.12 and Wisconsin Administrative Code (Wis. Admin. Code) chs. NR 700-799. Continuing obligations are intended to limit exposure to remaining environmental contamination at the Property. These continuing obligations will also apply to future owners of the Property, until the conditions no longer exist.

It is common for properties to have continuing obligations as part of case closure approvals when contamination remains in the environment for a specific reason. Information on the continuing obligations associated with this Site, including the case closure approval letter, is available in the DNR's Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW) at dnr.wi.gov, search "BOTW." Enter 02-14-552053 in the **Activity Number** field and then click **Search**. Scroll down and click on the **CO Packet** link for information about the completion of the environmental work. The Site may also be seen on the map viewer, RR Sites Map. RR Sites Map can be found online at dnr.wi.gov, search "RRSM."

The DNR reviewed and approved the case closure request regarding the drycleaning related contaminant, tetrachloroethylene, and its breakdown products in soil, groundwater, and soil vapor at this Site, based on information submitted by Stantec. As required by state law, you received notification about the requested case closure from the person conducting the cleanup on October 6, 2021. No further investigation or cleanup is required at this time. However, the case closure decision is conditioned upon long-term compliance with the continuing obligations at the Property.

Continuing Obligations Applicable to the Property

Continuing obligations associated with the Site are described in the attached case closure letter to Care'n Cleaners, LLC dated November 16, 2022. However, only the following continuing obligations apply to the Property.

- Residual Soil Contamination Management
- Groundwater Contamination Above Enforcement Standards

Pre-Approval is Required for Well Construction (Wis. Admin. Code § NR 812.09 (4) (w))

DNR approval is required before well construction or reconstruction for all sites identified as having residual contamination and/or continuing obligations. This requirement applies to private drinking water wells and high capacity wells. To obtain approval, the property owner is required to complete and submit Form 3300-254, "Continuing Obligations/Residual Contamination Well Approval Application," to the DNR Drinking and Groundwater program's regional water supply specialist. A well driller can help complete this form. The form can be obtained online at dnr.wi.gov, search "3300-254." Additional casing may be necessary to help prevent contamination of the well.

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The Property owner (you and any subsequent Property owner) is responsible for compliance with the continuing obligations in this letter, pursuant to Wis. Stat. § 292.12. You are required to notify anyone who purchases the Property from you of the responsibility to comply with the continuing obligations in this letter, in accordance with Wis. Admin. Code § NR 727.05 (2). For residential property transactions, you are required to make disclosures under Wis. Stat. § 709.02.

If you lease or rent the Property to an occupant who will be responsible for maintaining a continuing obligation, you must include that responsibility in a lease agreement, in accordance with Wis. Admin. Code § NR 727.05 (3).

Please be aware that failure to comply with the continuing obligations may result in enforcement action by the DNR. The DNR intends to conduct periodic inspections to ensure that the conditions included in this letter, including compliance with referenced maintenance plans, are met.

The DNR fact sheet, RR-819, "Continuing Obligations for Environmental Protection" explains a property owner's responsibility for continuing obligations on their property. This fact sheet should have been sent to you when you received a notification letter before the case closure request was submitted to the DNR. You may obtain a copy at dnr.wi.gov by searching "RR-819."

Under Wis. Stat. § 292.13 owners of properties affected by contamination from another property are generally exempt from investigating or cleaning up a hazardous substance discharge that migrated onto a property from another property. However, the exemption under Wis. Stat. § 292.13 does not exempt the property owner from the responsibility to maintain a continuing obligation placed on the property in accordance with Wis. Stat. § 292.12. To maintain this exemption, that statute requires the current property owner and any subsequent property owners to meet the conditions in the statute, including:

- Granting reasonable access to the DNR, responsible party, or their contractors;
- Avoiding interference with response actions taken; and
- Avoiding actions that make the contamination worse (e.g., demolishing a structure and causing or worsening the discharges to the environment).

The DNR appreciates your cooperation to restore the environment at this site. If you have any questions regarding this closure decision or anything stated in this letter, please contact the DNR Project Manager, Jeff Ackerman, at jeffrey.ackerman@wisconsin.gov or at 608-219-2302.

Sincerely,



Issac A. Ross
South Central Region Team Supervisor
Remediation & Redevelopment Program
Fitchburg DNR Service Center – Fitchburg, WI

Attach.

November 16, 2022 DNR closure letter sent to Care'n Cleaners, LLC

cc: Cal Lemmenes, Care'n Cleaners
Chris Hatfield, Stantec



November 16, 2022

Kathy Schlieve
Waupun City Administrator
201 East Main St.
Waupun, WI 53963

KEEP THIS LEGAL DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Continuing Obligations and Property Owner Requirements for Rights of Way holders within 200 feet south and east of the intersection of Fox Lake Road and West Main Street, Waupun
Case Closure for CAREN CLEANERS 735 West Main Street, Waupun, Wisconsin, 53963
BRRTS #: 02-14-552053

Dear Ms. Schlieve:

The Wisconsin Department of Natural Resources (DNR) recently approved the completion of the response actions conducted at the site identified above (the Site). This letter describes how that approval applies to the right-of-way (ROW) within 200 feet south and east of the intersection of Fox Lake Road and West Main Street in Waupun. As the ROW holder, you are responsible for complying with continuing obligations for any work you conduct in the ROW.

State law—Wisconsin Statute (Wis. Stat.) ch. 292— directs parties responsible for the discharge of a hazardous substance or environmental pollution to take necessary actions to restore the environment to the extent practicable and minimize harmful effects from the discharge to the air, lands or waters of this state. The law allows some contamination to remain in the environment if it does not pose a threat to public health, safety, welfare or the environment.

On October 6, 2021, you received information from Stantec about the drycleaning related contaminant, tetrachloroethylene, and its breakdown products from the Site remaining in groundwater beneath Fox Lake Road and West Main Street, and about the continuing obligations necessary to limit exposure to remaining contamination.

APPLICABLE CONTINUING OBLIGATIONS

The continuing obligations that apply to this ROW are described below and are consistent with Wis. Stat. § 292.12 and Wisconsin Administrative Code (Wis. Admin. Code) chs. NR 700 to 799.

Residual Groundwater Contamination (Wis. Admin. Code ch. NR 140 and § NR 812.09(4)(w))

Groundwater contamination which equals or exceeds the enforcement standards for PCE and its breakdown product is present at the source property and on adjacent parcels and rights-of-ways, as shown on the enclosed map (Figure B.3.b., Groundwater Isoconcentration, 2021-07-12). To construct a new well or reconstruct an existing well, the property owner must obtain prior DNR approval. Additional casing may be necessary to prevent contamination of the well.

ADDITIONAL INFORMATION

The enclosed map shows the potential for groundwater contamination to also be present in the right-of way Johnson Street right of way, although no data were collected within that right of way. Care should be exercised when performing work within the portion of the Johnson Street right of way just south of Main Street.

Site, case-related information and DNR contacts can be found online in the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW); go to dnr.wi.gov and search "BOTW." Use the BRRTS ID # found at the top of this letter. The site can also be found on the map view, Remediation and Redevelopment Sites Map (RRSM) by searching "RRSM."

Send written notifications and inspection logs to the DNR using the RR Program Submittal Portal at dnr.wi.gov, search "RR submittal portal." Questions on using this portal can be directed to the Project Manager below or to the environmental program associate (EPA) for the regional DNR office. Visit dnr.wi.gov, search "RR contacts" and select the EPA tab.

If you have questions or concerns regarding this letter, please contact the DNR Project Manager, Jeff Ackerman, at jeffrey.ackerman@wisconsin.gov or at 608-219-2302.

Sincerely,



Issac A. Ross
South Central Region Team Supervisor
Remediation & Redevelopment Program
Fitchburg DNR Service Center – Fitchburg, WI

Attach.

Figure B.3.b., Groundwater Isoconcentration, 2021-07-12
November 16, 2022 DNR closure letter sent to Care'n Cleaners, LLC

cc: Cal Lemmenes, Care'n Cleaners
Chris Hatfield, Stantec

Data Tables

Tables that follow are for reference only and were not included in the Department's closure documentation sent to affected parties

A.1. Groundwater Analytical Results Table
Care'n Cleaners, Waupun, Wisconsin

Well ID	Date Sampled	Water Table Elevation (feet)	Relevant and Significant VOC Analytical Results (µg/l)												
			Petroleum-Related VOCs						Chlorinated VOCs						
			n-Butylbenzene	sec-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	n-Propylbenzene	Toluene	Trimethylbenzenes	Tetrachloroethene	Trichloroethene	cis 1,2-DCE	trans 1,2-DCE	Vinyl Chloride
NR 140 Preventive Action Limit (µg/l)			NE	NE	140	NE	NE	NE	160	96	0.5	0.5	7	20	0.02
NR 140 Enforcement Standard (µg/l)			NE	NE	700	NE	NE	NE	800	480	5	5	70	100	0.2
MW1	08/09/11	74.45	8.3	9.9	1.33 J	6.2	10.7	8.8	<0.15	18.5	9.8	<0.47	<0.74	<0.79	<0.18
	8/9/2011*	74.45	9.6	8.4	1.28 "J"	5.9	10.9	9.0	<0.15	18.6	10	<0.47	<0.74	<0.79	<0.18
	05/01/12	76.10	<18	<20	<15.6	<18.4	<18.4	<11.8	<0.15	<30.8	236	<9.4	<14.8	<15.8	<3.6
	08/28/12	72.83	<9	<10	<7.8	<9.2	<9.2	<5.9	<0.15	<15.4	91	<4.7	<7.4	<7.9	<1.8
	11/28/12	73.25	<9	<10	<7.8	<9.2	<9.2	<5.9	<0.15	<15.4	82	<4.7	<7.4	<7.9	<1.8
	11/28/12*	73.25	<0.9	<1	<0.78	<0.92	<0.92	<0.59	<0.15	<1.54	90	2.2	<0.74	<0.79	<0.18
	08/07/14	74.78	<0.35	<0.33	<0.55	<0.3	<0.31	<0.25	<0.69	<3.6	21	<0.33	<0.38	<0.35	<0.18
	12/18/14	74.97	<0.13	<0.15	<0.13	<0.14	<0.17	<0.13	<0.11	<0.14	35	17	6.4	3.8	<0.10
	06/03/16	75.65	<0.39	<0.40	<0.18	<0.28	<0.36	<0.41	<0.15	<0.51	42	<0.16	<0.41	<0.35	<0.20
	06/27/18	74.98	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	51	0.84	0.90 J	<0.35	<0.20
	10/03/19	82.95	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	120	<0.43	<0.41	<0.35	<0.20
10/07/20	74.67	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	79	1.1	0.85 J	<0.35	<0.20	
01/12/21	73.97	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	57	0.92	0.73 J	<0.35	<0.20	
MW2	08/09/11	74.93	<0.9	<1	<0.78	<0.92	<0.92	<0.59	<0.15	<0.82	1.21 J	<0.82	<0.82	<0.82	<0.82
	05/01/12	76.32	<0.9	<1	<0.78	<0.92	<0.92	<0.59	<0.15	<1.54	52	<0.47	<0.74	<0.79	<0.18
	08/28/12	73.03	<0.9	<1	<0.78	<0.92	<0.92	<0.59	<0.15	<1.54	26.2	<0.47	<0.74	<0.79	<0.18
	11/28/12	73.48	<0.9	<1	<0.78	<0.92	<0.92	<0.59	<0.15	<1.54	52	<0.47	<0.74	<0.79	<0.18
	08/07/14	75.02	<0.35	<0.33	<0.55	<0.3	<0.31	<0.25	<0.69	<3.6	41	<0.33	<0.38	<0.35	<0.18
	12/18/14	75.20	<0.13	<0.15	<0.13	<0.14	<0.17	<0.13	<0.11	<0.14	45	<0.19	<0.12	<0.25	<0.10
	06/03/16	75.86	<0.39	<0.40	<0.18	<0.28	<0.36	<0.41	<0.15	<0.51	11	<0.16	<0.41	<0.35	<0.20
	06/27/18	75.00	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	68	<0.16	<0.41	<0.35	<0.20
	10/03/19	82.97	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	110	0.49 J	<0.41	<0.35	<0.20
	10/07/20	74.66	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	78	0.55	<0.41	<0.35	<0.20
	01/12/21	74.01	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	69	0.41 J	<0.41	<0.35	<0.20
MW3	08/09/11	74.79	<0.9	<1	<0.78	<0.92	<0.82	<0.59	<0.15	<0.82	8.3	<0.82	<0.82	<0.82	<0.82
	05/01/12	76.10	<0.9	<1	<0.78	<0.92	<0.92	<0.59	<0.15	<1.54	27	<0.47	<0.74	<0.79	<0.18
	08/28/12	72.80	<0.9	<1	<0.78	<0.92	<0.92	<0.59	<0.15	<1.54	19.1	<0.47	<0.74	<0.79	<0.18
	11/28/12	73.24	<0.9	<1	<0.78	<0.92	<0.92	<0.59	<0.15	<1.54	10.3	<0.47	<0.74	<0.79	<0.18
	08/07/14	74.82	<0.35	<0.33	<0.55	<0.3	<0.31	<0.25	<0.69	<3.6	3.6	<0.33	<0.38	<0.35	<0.18
	12/18/14	74.98	<0.13	<0.15	<0.13	<0.14	<0.17	<0.13	<0.11	<0.14	7.8	<0.19	<0.12	<0.25	<0.10
	06/03/16	75.64	<0.39	<0.40	<0.18	<0.28	<0.36	<0.41	<0.15	<0.51	2.5	<0.16	<0.41	<0.35	<0.20
	06/27/18	74.77	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	32	<0.16	<0.41	<0.35	<0.20
	10/03/19	82.96	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	19	<0.16	<0.41	<0.35	<0.20
	10/07/20	74.43	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	23	<0.16	<0.41	<0.35	<0.20
	01/12/21	73.77	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	20	<0.16	<0.41	<0.35	<0.20
MW4	08/09/11	74.70	<0.9	<1	<0.78	<0.92	<0.82	<0.59	<0.15	<0.82	21.1	<0.82	<0.82	<0.82	<0.82
	05/01/12	76.24	<0.9	<1	<0.78	<0.92	<0.92	<0.59	<0.15	<1.54	50	<0.47	<0.74	<0.79	<0.18
	08/28/12	72.86	<0.9	<1	<0.78	<0.92	<0.92	<0.59	<0.15	<1.54	6.7	<0.47	<0.74	<0.79	<0.18
	11/28/12	73.30	<0.9	<1	<0.78	<0.92	<0.92	<0.59	<0.15	<1.54	11.6	<0.47	<0.74	<0.79	<0.18
	08/07/14	74.86	<0.35	<0.33	<0.55	<0.3	<0.31	<0.25	<0.69	<3.6	30.1	<0.33	<0.38	<0.35	<0.18
	12/18/14*	75.27	<0.13	<0.15	<0.13	<0.14	<0.17	<0.13	<0.11	<0.14	19	<0.19	<0.12	<0.25	<0.10
	12/18/14	75.27	<0.13	<0.15	<0.13	<0.14	<0.17	<0.13	<0.11	<0.14	20	<0.19	<0.12	<0.25	<0.10
	06/03/16	75.74	<0.39	<0.40	<0.18	<0.28	<0.36	<0.41	<0.15	<0.51	27	<0.16	<0.41	<0.35	<0.20
	06/03/16*	75.74	<0.39	<0.40	<0.18	<0.28	<0.36	<0.41	<0.15	<0.51	24	<0.16	<0.41	<0.35	<0.20
	06/27/18	74.79	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	84	<0.16	<0.41	<0.35	<0.20
	06/27/18*	74.79	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	81	<0.16	<0.41	<0.35	<0.20
	10/03/19	83.31	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	200	<0.16	<0.41	<0.35	<0.20
	10/03/19*	83.31	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	270	<0.16	<0.41	<0.35	<0.20
	10/07/20	74.51	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	16	<0.16	<0.41	<0.35	<0.20
01/12/21	73.83	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	4.9	<0.16	<0.41	<0.35	<0.20	
1/21/21*	73.83	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	5.9	<0.16	<0.41	<0.35	<0.20	

A.1. Groundwater Analytical Results Table
Care'n Cleaners, Waupun, Wisconsin

Well ID	Date Sampled	Water Table Elevation (feet)	Relevant and Significant VOC Analytical Results (µg/l)												
			Petroleum-Related VOCs							Chlorinated VOCs					
			n-Butylbenzene	sec-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	n-Propylbenzene	Toluene	Trimethylbenzenes	Tetrachloroethene	Trichloroethene	cis 1,2-DCE	trans 1,2-DCE	Vinyl Chloride
NR 140 Preventive Action Limit (µg/l)	NE	NE	140	NE	NE	NE	160	96	0.5	0.5	7	20	0.02		
NR 140 Enforcement Standard (µg/l)	NE	NE	700	NE	NE	NE	800	480	5	5	70	100	0.2		
MW5	05/01/12	76.22	<0.9	<1	<0.78	<0.92	<0.92	<0.59	<0.15	<1.54	24.7	<i>3.4</i>	<i>11.8</i>	<0.79	<0.18
	08/28/12	72.79	<0.9	<1	<0.78	<0.92	<0.92	<0.59	<0.15	<1.54	8.7	<0.47	<0.74	<0.79	<0.18
	11/28/12	73.24	<0.9	<1	<0.78	<0.92	<0.92	<0.59	<0.15	<1.54	19.2	<0.47	<0.74	<0.79	<0.18
	08/07/14	74.81	<0.35	<0.33	<0.55	<0.3	<0.31	<0.25	<0.69	<3.6	33	<0.33	<0.38	<0.35	<0.18
	12/18/14	75.01	<0.13	<0.15	<0.13	<0.14	<0.17	<0.13	<0.11	<0.14	11	<0.19	<0.12	<0.25	<0.10
	06/03/16	75.75	<0.39	<0.40	<0.18	<0.28	<0.36	<0.41	<0.15	<0.51	16	<0.16	<0.41	<0.35	<0.20
	06/27/18	74.72	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	44	<0.16	<0.41	<0.35	<0.20
	10/03/19	83.06	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	160	<0.16	<0.41	<0.35	<0.20
	10/07/20	74.45	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	74	0.40 J	1.7	<0.35	<0.20
	01/12/21	73.76	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	0.22 J	<0.61	50	0.18 J	<0.41	<0.35	<0.20
MW6	05/01/12	76.12	---	---	---	---	---	---	---	---	<i>2.55</i>	<0.47	<0.74	<0.79	<0.18
	08/28/12	72.98	---	---	---	---	---	---	---	---	5	<0.47	<0.74	<0.79	<0.18
	11/28/12	73.39	---	---	---	---	---	---	---	---	6.4	<i>1.16 "J"</i>	0.91 "J"	<0.79	<0.18
	08/07/14	74.27	---	---	---	---	---	---	---	---	5.9	<0.33	<0.38	<0.35	<0.18
	08/07/14*	74.27	---	---	---	---	---	---	---	---	5.3	<0.33	<0.38	<0.35	<0.18
	12/18/14	75.10	---	---	---	---	---	---	---	---	6.6	<0.19	<0.12	<0.25	<0.10
	06/03/16	75.69	---	---	---	---	---	---	---	---	<i>2.0</i>	<0.16	<0.41	<0.35	<0.20
	06/27/18	74.89	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	7.7	<0.16	<0.41	<0.35	<0.20
	10/03/19	82.87	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	230	<i>0.81</i>	<0.41	<0.35	<0.20
	10/07/20	74.56	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	10	<i>0.61</i>	1.3	<0.35	<0.20
	01/12/21	73.88	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	<0.37	<0.16	<0.41	<0.35	<0.20
MW7	08/07/14	73.96	<0.35	<0.33	<0.55	<0.3	<0.31	<0.25	<0.69	<3.6	<i>1.8</i>	<0.33	<0.38	<0.35	<0.18
	12/18/14	74.09	<0.13	<0.15	<0.13	<0.14	<0.17	<0.13	<0.11	<0.14	<i>4.6</i>	<0.19	<0.12	<0.25	<0.10
	06/03/16	75.08	<0.39	<0.40	<0.18	<0.28	<0.36	<0.41	<0.15	<0.51	<i>4.0</i>	<0.16	<0.42	<0.35	<0.20
	06/27/18	73.91	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	8.9	0.41 J	0.84 J	<0.35	<0.20
	10/03/19	82.63	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	17	0.41 J	0.84 J	<0.35	<0.20
	10/07/20	73.60	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	13	<0.16	<0.41	<0.35	<0.20
	01/12/21	72.92	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	15	<0.16	<0.41	<0.35	<0.20
MW8	08/07/14	75.02	---	---	---	---	---	---	---	---	<i>0.69 J</i>	<0.33	<0.38	<0.35	<0.18
	12/18/14	75.19	---	---	---	---	---	---	---	---	<i>0.78 J</i>	<0.19	<0.12	<0.25	<0.10
	06/03/16	75.85	<0.39	<0.40	<0.18	<0.28	<0.36	<0.41	<0.15	<0.51	<i>1.2</i>	<0.16	<0.41	<0.35	<0.20
	06/27/18	74.93	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	<i>2.2</i>	<0.16	<0.41	<0.35	<0.20
	10/03/19	83.18	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	8.1	<0.16	<0.41	<0.35	<0.20
	10/07/20	74.64	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	5.2	<0.16	<0.41	<0.35	<0.20
	01/12/21	73.97	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	0.20 J	<0.61	<i>0.99 J</i>	<0.16	<0.41	<0.35	<0.20
MW9	08/07/14	75.37	<0.35	<0.33	<0.55	<0.3	<0.31	<0.25	<0.69	<3.6	<0.33	<0.33	<0.38	<0.35	<0.18
	12/18/14	75.55	<0.13	<0.15	<0.13	<0.14	<0.17	<0.13	<0.11	<0.14	16	<0.19	<0.12	<0.25	<0.10
	06/03/16	76.13	<0.39	<0.40	<0.18	<0.28	<0.36	<0.41	<0.15	<0.51	24	<0.16	<0.41	<0.35	<0.20
	08/26/16	75.02	<0.39	<0.40	<0.18	<0.28	<0.36	<0.41	<0.15	<0.61	26	<0.16	<0.41	<0.35	<0.20
MW10	06/27/18	73.92	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	9.7	<0.16	<0.41	<0.35	<0.20
	10/03/19	82.34	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	91	<0.16	<0.41	<0.35	<0.20
	10/07/20	73.63	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	34	<i>0.57</i>	0.53 J	<0.35	<0.20
	01/12/21	72.93	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	47	0.35 J	1.1	<0.35	<0.20
PZ1	06/03/16	75.78	<0.39	<0.40	<0.18	<0.28	<0.36	<0.41	<0.15	<0.51	<i>1.0</i>	<0.16	<0.41	<0.35	<0.20
	10/03/19	83.15	<0.39	<0.40	<0.18	<0.28	<0.36	<0.41	<0.15	<0.51	<i>1.0</i>	<0.16	<0.41	<0.35	<0.20
	10/07/20	74.55	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	<i>0.83 J</i>	<0.16	<0.41	<0.35	<0.20
	01/12/21	73.83	<0.39	<0.40	<0.18	<0.39	<0.36	<0.41	<0.15	<0.61	<i>0.86 J</i>	<0.16	<0.41	<0.35	<0.20

Key:
 NA = not applicable
 µg/l = micrograms per liter
 cis 1,2-DCE = cis 1,2-dichloroethene
 trans 1,2-DCE = trans 1,2-dichloroethene
 < X = Not detected above Laboratory Limit of Detection (LOD) of X.
 J = Analyte detected between Limit of Detection and Limit of Quantitation
 VOC = Volatile Organic Compound
32 = NR 140 Preventive Action Limit Exceeded
32 = NR 140 Enforcement Standard Exceeded
 * = duplicate sample

A.2. Soil Analytical Results Table, Care'n Cleaners, Waupun, WI

Borehole Number	Sample Number	Date Sampled	Sample Depth (fbg)	PID Response (iu)	Description	Saturation	Detected VOCs (micrograms per kilogram)				
							Tetrachloroethene (PCE)	Toluene	Trichloroethene (TCE)	Total Xylenes	
WDNR RCL for Protection from Direct Contact Risk (industrial)							145,000	818,000	8,410	260,000	
WDNR RCL for Protection from Direct Contact Risk (non-industrial)							33,000	818,000	1,300	260,000	
WDNR RCL for Protection of Groundwater*** (non-industrial)							4.5	1,107.2	3.6	3,960	
B1	B1-8	07/11/08	8	0	Clayey silt	Unsaturated	81	<23	<20	<48	
B2	B2-8	07/11/08	8	0	Clayey silt	Unsaturated	103	<23	<20	<48	
B3	B3-8	07/11/08	8	0	Clayey silt	Unsaturated	268	<23	<20	<48	
B4	B4-11	07/11/08	11	0	Clayey silt	Unsaturated	1480	26.3 J	<20	36 "J"	
B5	S501	08/01/11	2-4	9	fine silty sand	Unsaturated	30.8 "J"	<50	<17	<136	
	S502	08/01/11	4-6	18	fine silty sand	Unsaturated	142	<50	62	<136	
	S503	08/01/11	6-8	3	fine silty sand	Unsaturated	-	-	-	-	
B6	S601	08/01/11	2-4	12	silty sand	Unsaturated	49 "J"	<50	<17	<136	
	S602	08/01/11	4-6	7	silty sand	Unsaturated	-	-	-	-	
	S603	08/01/11	6-8	1	silty sand	Unsaturated	-	-	-	-	
B7	S701	08/01/11	2-4	2	silty sand	Unsaturated	<24	<50	<17	<136	
	S702	08/01/11	4-6	1	silty sand	Unsaturated	-	-	-	-	
	S703	08/01/11	6-8	1	Silty clay	Unsaturated	-	-	-	-	
	S704	08/01/11	8-10	1	Silty clay	Unsaturated	-	-	-	-	
	S705	08/01/11	10-12	2	Silty clay	Unsaturated	25 "J"	<50	22.2 "J"	<136	
B8	S801	08/01/11	2-4	1	fine silty sand	Unsaturated	<24	<50	<17	<136	
	S802	08/01/11	4-6	2	fine silty sand	Unsaturated	-	-	-	-	
	S803	08/01/11	6-8	1	fine silty sand	Unsaturated	-	-	-	-	
	S803	08/01/11	8-10	2	fine silty sand	Unsaturated	-	-	-	-	
B9	S901	08/01/11	1.0-1.5	4	silty sand	Unsaturated	620	<50	<17	<136	
	S902	08/01/11	2.0-2.5	2	silty sand	Unsaturated	-	-	-	-	
B10 (inside basement)	S1001	08/01/11	7.0-7.5	2	silty sand	Unsaturated	-	-	-	-	
	S1002	08/01/11	7.5-8.0	4	silty sand	Unsaturated	109	<50	<17	<136	
B11	S1101	04/20/12	2-4	0	fine silty sand	Unsaturated	<24	<50	<17	<136	
	S1102	04/20/12	4-6	0	fine silty sand	Unsaturated	-	-	-	-	
	S1103	04/20/12	6-7	0	sandy clay, bedrock encountered at 7 feet	Unsaturated	-	-	-	-	
B12	S1201	04/20/12	2-4	0	fine silty sand	Unsaturated	<24	<50	<17	<136	
	S1202	04/20/12	4.5-6.5	0	fine silty sand	Unsaturated	-	-	-	-	
	S1203	04/20/12	7-9	0	fine silty sand	Unsaturated	-	-	-	-	
B13	S1301	06/01/12	0-2	4	topsoil	Unsaturated	-	-	-	-	
	S1302	06/01/12	2-4	7	silty clay	Unsaturated	-	-	-	-	
	S1303	06/01/12	4-6	10	fine silty sand	Unsaturated	-	-	-	-	
	S1304	06/01/12	6-8	12	silty clay	Unsaturated	<24	<50	<17	<136	
B14	S1401	06/01/12	0-2	0	3" concrete, then topsoil	Unsaturated	-	-	-	-	
	S1402	06/01/12	2-4	0	Silty clay	Unsaturated	<24	<50	<17	<136	
	S1403	06/01/12	4-6	0	fine silty sand	Unsaturated	-	-	-	-	
	S1404	06/01/12	4-7	0	fine silty sand	Unsaturated	<24	<50	<17	<136	
B15	S1501	06/01/12	0-2	0	6-inches topsoil then fine silty sand	Unsaturated	-	-	-	-	
	S1502	06/01/12	2-4	0	silty clay	Unsaturated	<24	<50	<17	<136	
	S1503	06/01/12	4-6	0	fine silty sand	Unsaturated	-	-	-	-	
	S1504	06/01/12	6-8	0	fine silty sand	Unsaturated	<24	<50	<17	<136	
B16	S1601	06/01/12	0-2	0	1 foot topsoil then fine silty sand	Unsaturated	-	-	-	-	
	S1602	06/01/12	2-4	0	fine silty sand	Unsaturated	<24	<50	<17	<136	
	S1603	06/01/12	4-6	0	fine silty sand	Unsaturated	-	-	-	-	
	S1604	06/01/12	6-8	0	fine silty sand	Unsaturated	<24	<50	<17	<136	
B17	-	08/04/14	Blind Drilled - no soil samples collected								
B18	S1801	08/04/14	1-3	0	fine silty sand	Unsaturated	<49	-	<28	-	
	S1802	08/04/14	3-5	0	fine silty sand	Unsaturated	-	-	-	-	
	S1803	08/04/14	5-7	0	fine silty sand	Unsaturated	-	-	-	-	
	S1804	08/04/14	7-7.5	0	fine silty sand, bedrock encountered at 7.5 feet	Unsaturated	<49	-	<28	-	
B19	-	08/04/14	Blind Drilled - no soil samples collected								
B20	-	05/20/16	Blind Drilled - no soil samples collected								
B21	S2101	05/20/16	0-2	3.1	sandy gravel	Unsaturated	1100	<14	<16	<21	
	S2102	05/20/16	2-4	1.5	silty clay with sand	Unsaturated	170	<14	<16	<21	
B22	S2201	05/20/16	0-2	18.1	topsoil	Unsaturated	4100	<18	<20	<27	
	S2202	05/20/16	2-4	8.1	silty clay with sand	Unsaturated	1500	<15	<17	<23	
B23	S2301	05/20/16	0-2	0.7	gravel and silty sand	Unsaturated	570	<14	<16	<22	
	S2302	05/20/16	2-4	0.3	silty clay with sand	Unsaturated	570	<18	<20	<27	
B24	S2401	05/20/16	0-2	0.3	1 foot topsoil underlain by silty clay	Unsaturated	<39	<15	<17	<23	
	S2402	05/20/16	2-4	0.3	silty sandy clay	Unsaturated	<39	<15	<17	<23	
B25	S2501	05/20/16	0-2	0.1	1 foot topsoil underlain by silty clay	Unsaturated	<39	<16	<17	<23	
	S2502	05/20/16	2-4	0.3	silty sandy clay	Unsaturated	<39	<14	<16	<22	

A.2. Soil Analytical Results Table, Care'n Cleaners, Waupun, WI

Borehole Number	Sample Number	Date Sampled	Sample Depth (fbg)	PID Response (iui)	Description	Saturation	Detected VOCs (micrograms per kilogram)			
							Tetrachloroethene (PCE)	Toluene	Trichloroethene (TCE)	Total Xylenes
B26	S2601	05/20/16	0-2	0.3	1 foot topsoil underlain by silty clay	Unsaturated	<39	<16	<17	<23
	S2602	05/20/16	2-4	0.7	silty sandy clay	Unsaturated	<39	<16	<17	<23
B27	S27(6-8)	06/22/18	6-8	7.4	silty sandy clay	Unsaturated	<23	<9.1	<10	<14
B28	S28(6-8)	06/22/18	6-8	4.8	Sand and Gravel	Unsaturated	130	<9.0	<10	<13
B29	S29(4-6)	06/22/18	4-6	3.9	Sand and Gravel	Unsaturated	140	<9.5	<11	<14
B30	-	06/22/18	Blind Drilled - no soil samples collected							

Note:

- PID = photoionization detector
- iui = instrument units as isobutylene
- <x = Not detected above Laboratory Limit of Detection (LOD) of X.
- = Not Analyzed
- J = analyte detected between the limit of detection and the limit of quantitation
- fbg = feet below ground surface
- *** = dilution factor of 2 used since site investigation is complete and extent of contamination has been defined
- VOC = volatile organic compounds
- XXX = concentrations exceeds WDNR proposed RCL for protection from direct contact risk (industrial)
- XXX = concentrations exceeds WDNR proposed RCL for protection from direct contact risk (non-industrial)
- XXX = exceeds WDNR proposed RCL for protection of groundwater (non-industrial)

Notes: All analyzed samples consist of soil unless otherwise noted.
 WDNR soil RCL Summary table (June 2018) used to establish RCLs for groundwater protection and direct contact.

A.3. Residual Soil Contamination Table, Care'n Cleaners, Waupun, WI

Borehole Number	Sample Number	Date Sampled	Sample Depth (fbg)	PID Response (iu)	Description	Saturation	Detected VOCs (micrograms per kilogram)			
							Tetrachloroethene (PCE)	Toluene	Trichloroethene (TCE)	Total Xylenes
WDNR RCL for Protection from Direct Contact Risk (industrial)							145,000	818,000	8,410	260,000
WDNR RCL for Protection from Direct Contact Risk(non-industrial)							33,000	818,000	1,300	260,000
WDNR RCL for Protection of Groundwater*** (non-industrial)							4.5	1,107.2	3.6	3,960
B1	B1-8	07/11/08	8	0	Clayey silt	Unsaturated	81	<23	<20	<48
B2	B2-8	07/11/08	8	0	Clayey silt	Unsaturated	103	<23	<20	<48
B3	B3-8	07/11/08	8	0	Clayey silt	Unsaturated	268	<23	<20	<48
B4	B4-11	07/11/08	11	0	Clayey silt	Unsaturated	1480	26.3 J	<20	36 "J"
B5	S501	08/01/11	2-4	9	fine silty sand	Unsaturated	30.8 "J"	<50	<17	<136
	S502	08/01/11	4-6	18	fine silty sand	Unsaturated	142	<50	62	<136
B6	S601	08/01/11	2-4	12	silty sand	Unsaturated	49 "J"	<50	<17	<136
B7	S705	08/01/11	10-12	2	Silty clay	Unsaturated	25 "J"	<50	22.2 "J"	<136
B9	S901	08/01/11	1.0-1.5	4	silty sand	Unsaturated	620	<50	<17	<136
B10 (inside basement)	S1002	08/01/11	7.5-8.0	4	silty sand	Unsaturated	109	<50	<17	<136
B21	S2101	05/20/16	0-2	3.1	sandy gravel	Unsaturated	1100	<14	<16	<21
	S2102	05/20/16	2-4	1.5	silty clay with sand	Unsaturated	170	<14	<16	<21
B22	S2201	05/20/16	0-2	18.1	topsoil	Unsaturated	4100	<18	<20	<27
	S2202	05/20/16	2-4	8.1	silty clay with sand	Unsaturated	1500	<15	<17	<23
B23	S2301	05/20/16	0-2	0.7	gravel and silty sand	Unsaturated	570	<14	<16	<22
	S2302	05/20/16	2-4	0.3	silty clay with sand	Unsaturated	570	<18	<20	<27
B28	S28(6-8)	06/22/18	6-8	4.8	Sand and Gravel	Unsaturated	130	<9.0	<10	<13
B29	S29(4-6)	06/22/18	4-6	3.9	Sand and Gravel	Unsaturated	140	<9.5	<11	<14

Note:

- PID = photoionization detector
- iu = instrument units as isobutylene
- <x = Not detected above Laboratory Limit of Detection (LOD) of X.
- = Not Analyzed
- J = analyte detected between the limit of detection and the limit of quantitation
- fbg = feet below ground surface
- *** = dilution factor of 2 used since site investigation is complete and extent of contamination has been defined
- VOC = volatile organic compounds

- XXX** = concentrations exceeds WDNR proposed RCL for protection from direct contact risk (industrial)
- XXX** = concentrations exceeds WDNR proposed RCL for protection from direct contact risk (non-industrial)
- XXX** = exceeds WDNR proposed RCL for protection of groundwater (non-industrial)

Notes: All analyzed samples consist of soil unless otherwise noted.
WDNR soil RCL Summary table (June 2018) used to establish RCLs for groundwater protection and direct contact.

A.4. Vapor Analytical Table, Care'n Cleaners, Waupun, Wisconsin

Sample Location Building Address	Sample Point	Vacuum Testing of Sampling Fittings** (Pass/Fail)	Helium Shroud QA/QC Testing		Date Sampled	Date Analyzed	Sample Location	Sample Duration (minutes)	Detected Volatile Organic Compounds (micrograms per cubic meter)														
			Helium Concentration Under Shroud	Helium Concentration in Sample					1,1,2-Trichloro-1,1,2-trifluoroethane	Acetone	Benzene	Carbon Tetrachloride	Carbon Disulfide	Chloroform	Chloromethane	Dichlorodifluoro-methane	Ethylbenzene	Methylene Chloride	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoro-methane	Xylenes
Target Indoor Air Concentration (micrograms per cubic meter) *							Residential	31,000	32,000	3.6	4.7	7.3	1.2	94	100	11	630	42	5,200	2.1	-	100	
Target Indoor Air Concentration (micrograms per cubic meter) *							Small Commercial	130,000	140,000	16	20	3,100	5.3	390	440	49	2,600	180	22,000	8.8	-	440	
Target Sub-Slab Air Concentration (micrograms per cubic meter)							Residential	310,000	320,000	120	160	73	40	3,100	3,300	370	21,000	1,400	170,000	70	-	3,300	
Target Sub-Slab Air Concentration (micrograms per cubic meter)							Small Commercial	1,300,000	1,400,000	530	670	31,000	180	13,000	15,000	1,600	87,000	6,000	730,000	290	-	15,000	
735 West Main Street	VP1	Pass	20%	0%	06/11/12	06/14/12	ground floor sub-slab	15	-	60 "J"	<32	<63	40 "J"	<49	<52	<120	<43	<87	9600	110	<54	<56	<43
735 West Main Street	VP2	Pass	20%	0%	06/11/12	06/14/12	ground floor sub-slab	15	-	<2900	<1900	<3800	<190	<2900	<3100	<7500	<2600	<5200	580,000	<2300	<3200	<3400	<2600
735 West Main Street	VP3	Pass	20%	0%	06/11/12	06/14/12	basement sub-slab	15	-	<2400	<1600	<1600	<3900	<2400	<2600	<6200	<2200	<4300	480,000	740 "J"	<2700	<2800	<2200
733 West Main Street	VP1	Pass	17%	0%	12/18/14	12/22/14	basement sub-slab	30	0.55 "J"	-	0.20 "J"	0.66 "J"	-	0.22 "J"	0.78 "J"	40	0.34 "J"	1.7 "B"	28	4.4	0.24 "J"	1.2	1.27
733 West Main Street	VP2	Pass	19%	0%	12/18/14	12/22/14	basement sub-slab	30	0.55 "J"	-	<0.18	0.57 "J"	-	<0.19	<0.33	6.1	<0.30	1.8 "B"	60	4.4	<0.19	1.3	0.57 "J"
733 West Main Street	VP3	Pass	16%	0%	12/18/14	12/22/14	basement sub-slab	30	0.48 "J"	-	0.22 "J"	0.55 "J"	-	0.38 "J"	0.43 "J"	28	<0.30	1.3 "B"	110	2.7	<0.19	1.3	<0.78

- Note:
- NSL = no screening level assigned from EPA Region 3 Screening Level Table - Residential Air, May 2016
 - * = screening levels from USEPA Region 3 Screening Level Table - November 2014 and, if applicable, representing 1 in 100,000 cancer risk
 - x = analyte exceeds applicable target air concentration
 - "J" = analyte exceeds the limit of detection but is below the limit of quantification
 - "B" = compound was found in the blank and sample
 - ** = a vacuum of greater than 15 inches mercury was applied to the hoses and fittings used to collect each sample. A passing grade was given if no noticeable drop in vacuum was observed after at least 5 minutes.

A.6. Water Level Elevations, Care'n Cleaners, 735 W Main St., Waupun, WI

Well ID	Ground Surface Elevation (feet)	Reference Point Elevation (feet)	Date	Depth to Water (Feet Below Riser)	Water Table Elevation (feet)
MW1	97.77	97.28	08/09/11	22.83	74.45
			09/27/11	22.92	74.36
			04/20/12	21.21	76.07
			05/01/12	21.18	76.10
			08/28/12	24.45	72.83
			11/28/12	24.03	73.25
			08/07/14	22.50	74.78
			12/18/14	22.31	74.97
			06/03/16	21.63	75.65
			06/27/18	22.30	74.98
			10/03/19	14.33	82.95
			10/7/2020	22.61	74.67
			1/12/2021	23.31	73.97
MW2	97.52	96.89	08/09/11	21.96	74.93
			09/27/11	22.30	74.59
			04/20/12	20.62	76.27
			05/01/12	20.57	76.32
			08/28/12	23.86	73.03
			11/28/12	23.41	73.48
			08/07/14	21.87	75.02
			12/18/14	21.69	75.20
			06/03/16	21.03	75.86
			06/27/18	21.89	75.00
			10/03/19	13.92	82.97
			10/7/2020	22.23	74.66
			1/12/2021	22.88	74.01
MW3	97.48	97.02	08/09/11	22.23	74.79
			09/27/11	22.66	74.36
			04/20/12	20.94	76.08
			05/01/12	20.92	76.10
			08/28/12	24.22	72.80
			11/28/12	23.78	73.24
			08/07/14	22.20	74.82
			12/18/14	22.04	74.98
			06/03/16	21.38	75.64
			06/27/18	22.25	74.77
			10/03/19	14.06	82.96
			10/7/2020	22.59	74.43
			1/12/2021	23.25	73.77
MW4	98.13	97.57	08/09/11	22.87	74.70
			09/27/11	23.14	74.43
			04/20/12	21.39	76.18
			05/01/12	21.33	76.24
			08/28/12	24.71	72.86
			11/28/12	24.27	73.30
			08/07/14	22.71	74.86
			12/18/14	22.30	75.27
			06/03/16	21.83	75.74
			06/27/18	22.78	74.79
			10/03/19	14.26	83.31
			10/7/2020	23.06	74.51
			1/12/2021	23.74	73.83
MW5	98.19	97.56	04/20/12	-	-
			05/01/12	21.34	76.22
			08/28/12	24.77	72.79
			11/28/12	24.32	73.24
			08/07/14	22.75	74.81
			12/18/14	22.55	75.01
			06/03/16	21.81	75.75
			06/27/18	22.84	74.72
			10/03/19	14.50	83.06
			10/7/2020	23.11	74.45
1/12/2021	23.80	73.76			

A.6. Water Level Elevations, Care'n Cleaners, 735 W Main St., Waupun, WI

Well ID	Ground Surface Elevation (feet)	Reference Point Elevation (feet)	Date	Depth to Water (Feet Below Riser)	Water Table Elevation (feet)
MW6	97.58	97.10	04/20/12	-	-
			05/01/12	20.98	76.12
			08/28/12	24.12	72.98
			11/28/12	23.71	73.39
			08/07/14	22.83	74.27
			12/18/14	22.00	75.10
			06/03/16	21.41	75.69
			06/27/18	22.21	74.89
			10/03/19	14.23	82.87
			10/07/20	22.54	74.56
			01/12/21	23.22	73.88
MW7	97.45	96.79	08/07/14	22.83	73.96
			12/18/14	22.70	74.09
			06/03/16	21.71	75.08
			06/27/18	22.88	73.91
			10/03/19	14.16	82.63
			10/07/20	23.19	73.60
			01/12/21	23.87	72.92
MW8	97.26	96.58	08/07/14	21.56	75.02
			12/18/14	21.39	75.19
			06/03/16	20.73	75.85
			06/27/18	21.65	74.93
			10/03/19	13.40	83.18
			10/07/20	21.94	74.64
			01/12/21	22.61	73.97
MW9	95.88	95.39	08/07/14	20.02	75.37
			12/18/14	19.84	75.55
			06/03/16	19.26	76.13
			08/26/16	20.37	75.02
MW10	97.00	96.84	06/27/18	22.92	73.92
			10/03/19	14.50	82.34
			10/07/20	23.21	73.63
			01/12/21	23.91	72.93
PZ1	98.13	97.86	06/03/16	22.08	75.78
			06/27/18	23.09	74.77
			10/03/19	14.71	83.15
			10/07/20	23.31	74.55
			01/12/21	24.03	73.83

Note:

- 1) Bench mark is top bolt of fire hydrant (assigned an elevation of 100 feet) on northside of Main Street east of Fox Lake Road